RTZ-50/0.4FQB Gas Pressure Regulator

Industrial, Commercial & Direct-Fired Equipment Regulation



Product appearance for reference

MAIN TECHNICAL PARAMETERS

Nominal Size (DN) **DN50**	Construction Type **Spring-loaded direct-acting gas pressure regulator**
Max. Inlet Pressure **P1max=0.4 MPa**	Outlet Pressure Range **P2 = 1.0 ~ 20 KPa**
Accuracy Class **AC5**	Lock-up Pressure Class **SG10**
Operating Temperature **-20℃ ~ 60℃**	Connection Type **Flanged DN50 PN16 (HG20592, raised face)**
Applicable Medium	Safety Configuration **Overpressure/under-pressure shut-off; built-in relief**

PRODUCT FEATURES

- Modular design
- Built-in balanced valve core for more stable regulation
- Easy installation and maintenance
- Simple pressure setting
- Integrated shut-off with built-in relief

Flow Capacity

Unit m^3/h · Standard-condition flow

Outlet ↓ Inlet →	Inlet Pressure (MPa)							
	Outlet (kPa)	0.02	0.05	0.08	0.1	0.15	0.2	0.3
1.5	80	120	160	190	240	300	360	450
2.4	120	180	200	230	260	300	360	450
3	115	180	200	230	260	300	360	450
5	110	180	200	230	260	300	360	450
10	105	180	200	230	260	300	360	450
15	—	170	200	230	260	300	360	450
20	—	155	190	230	260	300	360	450

Rows = outlet pressure (kPa); columns = inlet pressure (MPa). Values for natural gas (relative density 0.61) at standard conditions.

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	**On request · Final quotation to prevail**	**On request · Final quotation to prevail**	**On request · Final quotation to prevail**

© SICHUAN YUANHENGDING TRADING CO., LTD. · This manual is for reference only